
A New Species and a New Name in *Rosa* (Rosaceae) from China

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ABSTRACT. *Rosa alexandrae* Buzunova (sect. *Synstylae* DC.) is described. The new name *R. uniflorella* is proposed to replace the later homonym *R. uniflora* Yu & Ku.

Among the collections made by G. N. Potanin from China and deposited at the Komarov Botanical Institute (LE), there is an undescribed species of *Rosa*. It is named here for his wife, A. V. Potanina, who accompanied him during his expedition to China and Mongolia.

Rosa alexandrae Buzunova, sp. nov. TYPE: China. Gansu: valley of Pei-schui, near Litschapu, 19 June 1885 (fl), *G. N. Potanin s.n.* (holotype, LE). Figure 1.

Frutex altus; aculei 4–5 mm longi, aduncti. Foliola 3–5, 2–3(–4) cm longa, 1.5–2 cm lata, elliptica vel obovata, margine simpliciter dentata. Flores albi, 9–11 dispositi, 1.5–2 cm in diam., bracteati. Pedicelli 1–1.5 cm longi, glanduloso-setulosi. Sepala integerrima, 6–7 mm longa, ovato-lanceolata, dorso plerumque pilosa et glandulosa. Styli coaliti; columna styliaris 4–5 mm per orificium disci excedens, dense pilosa. Hypanthia globosa vel late ellipsoidea, 3–4 mm in diam., glabra. Fructus ignoti.

Tall-growing shrubs with erect or flexuous branches. Cortex reddish. Prickles 4–5 mm long, sparse, \pm uniform, hooked, with a dilated base. Leaves 6–8 cm long, rachis densely pubescent, glandular, prickly; stipules 8–10 \times 1–1.2 mm, entire at margin, with acuminate auricles 2–3 mm long, usually diverging. Leaflets 3–5, 2–3(–4) \times 1.5–2 cm, broadly ovate or obovate, glabrous or sparsely pubescent adaxially, densely pubescent and sometimes sparsely glandular abaxially, base rounded to cuneate, margin uniserrate with short and broad

teeth, apex obtuse. Corymbs loose, usually 9–11-flowered; bracts rather short, entire, pubescent. Flowers white, 1.5–2 cm diam. Pedicels 1–1.5 cm long, glabrous or pubescent, usually glandular-hispidous. Sepals entire, 6–7 mm long, ovate-lanceolate, acuminate, pubescent and glandular on the back. Styles connate in a pubescent column up to 4–5 mm long. Hypanthia globose to ovoid, 3–4 mm diam. Fruit unknown.

Rosa alexandrae apparently does not have close relatives among the 18 Chinese species of section *Synstylae*, especially the three species with 3–5-foliolate leaves and entire stipules, with which it should be associated. It is probably remotely related to *R. weisiensis* Yu & Ku, which is readily distinguished from *R. alexandrae* by its straight, basally dilated prickles and narrower leaflets.

Rosa uniflorella Buzunova, nom. nov. Replaced name: *Rosa uniflora* Yu & Ku, Bull. Bot. Res. North-East. Forest. Inst. 1(4): 12. 1981, not Galushko Bot. Mater. Gerb. Bot. Inst. Komarova Akad. nauk SSSR 19: 204–217. 1959: 212. TYPE: China. Zhejiang: Daishan Xian, *L. C. Chiu & R. L. Lu 9605* (holotype, HP).

The Chinese *Rosa uniflora* Yu & Ku is a later homonym of the Caucasian *R. uniflora* Galushko. Therefore, a new name is proposed for the Chinese plant.

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Herbarium horti Petropolitani

China borealis: prov. Fschih, Schensi, Kansu occidentali
et orientali et Szechuan septentrionali.
G. N. Potanin. 1884-1885

Typus

Figure 1. Photograph of the holotype of *Rosa alexandrae* Buzunova (LE).